

Receipt date: 06/22/2006 Form 10-1449 (REV. 8-83)		U.S. Department of Commerce Patent and Trademark Office		Attorney Docket 2004647-0011		10506734 GAU: 153 Pre-Application No. 10/506,734	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				Applicant: Collins <i>et al.</i>			
				Filing Date: September 3, 2004		Group: TBA	

U.S. PATENT DOCUMENTS

Examiner's Initials	U.S. Patent No.	Applicant	Issue Date	Class	Subclass
	* 5,390,282	Koza <i>et al.</i>	February 14, 1995	706	13
	* 5,808,918	Fink <i>et al.</i>	September 15, 1998	703	11
	* 5,930,154	Thalhammer-Reyero	July 27, 1999	703	11

U.S. PATENT APPLICATIONS

Examiner's Initials:	Serial Number:	Applicant:	Filing Date:	Group:	Art Unit:
----------------------	----------------	------------	--------------	--------	-----------

FOREIGN PATENT DOCUMENTS

Examiner's Initials	Document No.	Country	International Publication Date	Translation	
				Yes	No

OTHER DOCUMENTS

Examiner's Initials	Citation (Including Author, Title, Date, Pertinent Pages, Etc.)
	Arkin <i>et al.</i> , "A test case of correlated metric construction of a reaction pathway from measurements", <i>Science</i> , 1997, 277 : 1275-1279.
	Bhalla and Iyengar, "Emergent properties of networks of biological signaling pathway", <i>Science</i> , 1999, 283 : 381-387.
	Courcelle <i>et al.</i> , "Comparative gene expression profiles following UV exposure in wild-type and SOS-deficient <i>Escherichia coli</i> ", <i>Genetics</i> , 2001, 158 : 41-64.
	Davidson <i>et al.</i> , "A genomic regulatory network for development", <i>Science</i> , 2002, 295 : 1669-1678
	de Jong, "Modeling and simulation of genetic regulatory systems: a literature review", <i>J. Comput. Biol.</i> , 2002, 9 : 67-103.
	de la Fuente <i>et al.</i> , "Linking the genes inferring quantitative gene networks from microarray data", <i>Trends in Genetics</i> , 2002, 18 : 395-398.
	Edwards and Palsson, "The <i>Escherichia coli</i> MG1655 in silico metabolic genotype: its definition, characteristics, and capabilities", <i>Proc. Natl. Acad. Sc., USA</i> 2000, 97 : 5528-5533.
	Elowitz and Leibler, "A synthetic oscillatory network of transcriptional regulators", <i>Nature</i> , 2000, 403 : 335-338.
	Fernandez de Henestrosa <i>et al.</i> , "Identification of additional genes belonging to the LexA regulon in <i>Escherichia coli</i> ", <i>Molecular Microbiology</i> , 2000, 35 : 1560-1572.
	Gardner <i>et al.</i> , "Construction of a genetic toggle switch in <i>Escherichia coli</i> ", <i>Nature</i> , 2000, 403 : 339-342.

Receipt date: 06/22/2006 Form 10-149 (REV. 8-83) U.S. Department of Commerce Patent and Trademark Office	Attorney Docket 2004647-0011	10506734, CAU-1631 Info Application No. 10/506,734
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	Applicant: Collins <i>et al.</i>	
	Filing Date: September 3, 2004	Group: TBA

	Hasty <i>et al.</i> , "Computational studies in gene regulatory networks: <i>in numero</i> molecular biology", <i>Nature Rev. Genet.</i> , 2001, 2 : 268-279.
	Hengge-Aronis, "Survival of hunger and stress: the role of rpoS in early stationary phase gene regulation in <i>E. coli</i> ", <i>Cell</i> , 1993, 72 : 165-168.
	Hughes <i>et al.</i> , "Functional discovery via a compendium of expression profiles", <i>Cell</i> , 2000, 102 : 109-126.
	Ideker <i>et al.</i> , "Integrated genomic and proteomic analyses of a systematically perturbed metabolic network", <i>Science</i> , 2001, 292 : 929-934
	Ihmels <i>et al.</i> , "Revealing modular organization in the yeast transcriptional network", <i>Nature Genetics</i> , 2002, 31 : 370-377.
	Jeong <i>et al.</i> , "Lethality and centrality in protein networks", <i>Nature</i> , 2001, 411 : 41-42.
	Karp <i>et al.</i> , "The EcoCyc Database", <i>Nucleic Acids Research</i> , 2002, 30 : 56-58.
	Lee <i>et al.</i> , "Transcriptional regulatory networks in <i>Saccharomyces cerevisiae</i> ", <i>Science</i> , 2002, 298 : 799-804.
	Lewis, "Programmed death in bacteria", <i>Microbiol. and Mol. Biol. Reviews</i> , 2000, 64 : 503-514.
	Liang <i>et al.</i> , "Reveal, a general reverse engineering algorithm for inference of genetic networks architectures", <i>Pacific Symposium on Biocomputing</i> , 1998, 3 : 18-29.
	Maslov and Sneppen, "Specificity and stability in topology of protein networks", <i>Science</i> , 2002, 296 : 910-913.
	McAdams and Shapiro, "Circuit simulation of genetic networks", <i>Science</i> , 1995, 269 : 650-.656
	E. Ravasz <i>et al.</i> , "Hierarchical organization of modularity in metabolic networks", <i>Science</i> , 2002, 297 : 1551-1555.
	Schoeberl <i>et al.</i> , "Computational modeling of the dynamics of the MAP kinase cascade activated by surface and internalized EGF receptors", <i>Nature Biotechnology</i> , 2002, 20 : 370-375.
	Schwikowski <i>et al.</i> , "A network of protein-protein interactions in yeast", <i>Nature Biotechnology</i> , 2000, 18 : 1257-1261.
	Shen-Orr <i>et al.</i> , "Network motifs in the transcriptional regulation network of <i>Escherichia coli</i> ", <i>Nature Genetics</i> , 2002, 31 : 64-68.
	Thieffry <i>et al.</i> , "From specific gene regulation to genomic networks: a global analysis of transcriptional regulation in <i>Escherichia coli</i> ", <i>BioEssays</i> , 1998, 20 : 433-440.
	Tomasz, "Mitomycin C: small, fast and deadly (but very selective)", <i>Chem. Biol.</i> , 1995, 2 : 575-579.
	Tong <i>et al.</i> , "A combined experimental and computational strategy to define protein interaction networks for peptide recognition modules", <i>Science</i> , 2002, 295 : 321-324.
	van Someren <i>et al.</i> , "Searching for limited connectivity in genetic network models", <i>Proceedings of the Second International Conference on Systems Biology</i> , Pasadena, CA, November 2001, pp: 222-230.

Form PTO-1449 (REV. 8-83)	U.S. Department of Commerce Patent and Trademark Office	Attorney Docket 2004647-0011	In re Application No. 10/506,734
INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>		Applicant: Collins <i>et al.</i>	
		Filing Date: September 3, 2004	Group: TBA
	Volkert and Landini, "Transcriptional responses to DNA damage", <i>Current Opinion in Microbiology</i> , 2001, 4: 178-185.		
	Wagner, "How to reconstruct a large genetic network from n gene perturbations in fewer than n2 easy steps", <i>Bioinformatics</i> , 2001, 17: 1183-1197.		
	Weaver <i>et al.</i> , "Modeling regulatory networks with weight matrices", <i>Pacific Symposium on Biocomputing</i> , 1999, 112-123.		
	Yeung <i>et al.</i> , "Reverse engineering gene networks using singular value decomposition and robust regression", <i>PNAS</i> , 2002, 99: 6163-6168.		
EXAMINER /Larry Riggs II/ (11/18/2009)		DATE CONSIDERED	
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			